



1600

## RAW SEQUENCE LISTING

DATE: 07/24/2002

PATENT APPLICATION: US/09/522,727D

TIME: 12:08:33

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\07242002\I522727D.raw

P.6

4 <110> APPLICANT: DANA-FARBER CANCER INSTITUTE, INC.  
 5 MARASCO, Wayne  
 6 MHASHILKAR, Abner  
 8 <120> TITLE OF INVENTION: INTRABODY-MEDIATED CONTROL OF IMMUNE REACTIONS  
 10 <130> FILE REFERENCE: 47577 C  
 12 <140> CURRENT APPLICATION NUMBER: 09/522,727D  
 13 <141> CURRENT FILING DATE: 2000-03-10  
 15 <150> PRIOR APPLICATION NUMBER: PCT/US98/19563  
 16 <151> PRIOR FILING DATE: 1998-09-18  
 18 <150> PRIOR APPLICATION NUMBER: 60/059,339  
 19 <151> PRIOR FILING DATE: 1997-09-19  
 21 <160> NUMBER OF SEQ ID NOS: 56  
 23 <170> SOFTWARE: PatentIn version 3.1  
 25 <210> SEQ ID NO: 1  
 26 <211> LENGTH: 15  
 27 <212> TYPE: PRT  
 28 <213> ORGANISM: human  
 30 <400> SEQUENCE: 1  
 31 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser  
 32 1 5 10 15  
 34 <210> SEQ ID NO: 2  
 35 <211> LENGTH: 15  
 36 <212> TYPE: PRT  
 37 <213> ORGANISM: human  
 39 <400> SEQUENCE: 2  
 40 Glu Ser Gly Arg Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser  
 41 1 5 10 15  
 43 <210> SEQ ID NO: 3  
 44 <211> LENGTH: 14  
 45 <212> TYPE: PRT  
 46 <213> ORGANISM: human  
 48 <400> SEQUENCE: 3  
 49 Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Ser Thr  
 50 1 5 10  
 52 <210> SEQ ID NO: 4  
 53 <211> LENGTH: 15  
 54 <212> TYPE: PRT  
 55 <213> ORGANISM: human  
 57 <400> SEQUENCE: 4  
 58 Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Ser Thr Gln  
 59 1 5 10 15  
 61 <210> SEQ ID NO: 5  
 62 <211> LENGTH: 14

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63 <212> TYPE: PRT
64 <213> ORGANISM: human
66 <400> SEQUENCE: 5
67  Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Val Asp
68  1                      5                      10
70 <210> SEQ ID NO: 6
71 <211> LENGTH: 14
72 <212> TYPE: PRT
73 <213> ORGANISM: human
75 <400> SEQUENCE: 6
76  Gly Ser Thr Ser Gly Ser Gly Lys Ser Ser Glu Gly Lys Gly
77  1                      5                      10
79 <210> SEQ ID NO: 7
80 <211> LENGTH: 18
81 <212> TYPE: PRT
82 <213> ORGANISM: human
84 <400> SEQUENCE: 7
85  Lys Glu Ser Gly Ser Val Ser Ser Glu Gln Leu Ala Gln Phe Arg Ser
86  1                      5                      10                      15
87  Leu Asp
90 <210> SEQ ID NO: 8
91 <211> LENGTH: 16
92 <212> TYPE: PRT
93 <213> ORGANISM: human
95 <400> SEQUENCE: 8
96  Glu Ser Gly Ser Val Ser Ser Glu Glu Leu Ala Phe Arg Ser Leu Asp
97  1                      5                      10                      15
99 <210> SEQ ID NO: 9
100 <211> LENGTH: 35
101 <212> TYPE: DNA
102 <213> ORGANISM: human
104 <400> SEQUENCE: 9
105  tttgcggccg ctcaggtgca rctgctcgag tcygg                      35
107 <210> SEQ ID NO: 10
108 <211> LENGTH: 66
109 <212> TYPE: DNA
110 <213> ORGANISM: human
112 <400> SEQUENCE: 10
113  agatccgccg ccaccgctcc caccacctcc ggagccaccg ccacctgagg tgaccgtgac      60
114  crkggt                      66
116 <210> SEQ ID NO: 11
117 <211> LENGTH: 69
118 <212> TYPE: DNA
119 <213> ORGANISM: human
121 <400> SEQUENCE: 11
122  ggtggcggtg gctccggagg tggtgggagc ggtggcggcg gatctgagct cswgmtgacc      60
123  cagtctcca                      69
125 <210> SEQ ID NO: 12
126 <211> LENGTH: 47

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127 <212> TYPE: DNA
128 <213> ORGANISM: human
130 <400> SEQUENCE: 12
131   ggggtctagac tcgaggatcc ttattaacgc gttgggtgcag ccacagt      47
133 <210> SEQ ID NO: 13
134 <211> LENGTH: 6
135 <212> TYPE: PRT
136 <213> ORGANISM: human
138 <400> SEQUENCE: 13
139   Ser Glu Lys Asp Glu Leu
140     1             5
142 <210> SEQ ID NO: 14
143 <211> LENGTH: 59
144 <212> TYPE: DNA
145 <213> ORGANISM: human
147 <400> SEQUENCE: 14
148   ggggtctagac tcgaggatcc ttattacagc tcgtcctttt cgcttggtgc agccacagt      59
150 <210> SEQ ID NO: 15
151 <211> LENGTH: 24
152 <212> TYPE: DNA
153 <213> ORGANISM: human
155 <400> SEQUENCE: 15
156   ttaccatgg aacatctgtg gttc      24
158 <210> SEQ ID NO: 16
159 <211> LENGTH: 30
160 <212> TYPE: DNA
161 <213> ORGANISM: human
163 <400> SEQUENCE: 16
164   ttagcgcgct gaggtgaccg tgaccrkgt      30
166 <210> SEQ ID NO: 17
167 <211> LENGTH: 4
168 <212> TYPE: PRT
169 <213> ORGANISM: human
171 <400> SEQUENCE: 17
172   Lys Asp Glu Leu
173     1
175 <210> SEQ ID NO: 18
176 <211> LENGTH: 4
177 <212> TYPE: PRT
178 <213> ORGANISM: human
180 <400> SEQUENCE: 18
181   Asp Asp Glu Leu
182     1
184 <210> SEQ ID NO: 19
185 <211> LENGTH: 4
186 <212> TYPE: PRT
187 <213> ORGANISM: human
189 <400> SEQUENCE: 19
190   Asp Glu Glu Leu

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191      1
193 <210> SEQ ID NO: 20
194 <211> LENGTH: 4
195 <212> TYPE: PRT
196 <213> ORGANISM: human
198 <400> SEQUENCE: 20
199   Gln Glu Asp Leu
200      1
202 <210> SEQ ID NO: 21
203 <211> LENGTH: 4
204 <212> TYPE: PRT
205 <213> ORGANISM: human
207 <400> SEQUENCE: 21
208   Arg Asp Glu Leu
209      1
211 <210> SEQ ID NO: 22
212 <211> LENGTH: 7
213 <212> TYPE: PRT
214 <213> ORGANISM: human
216 <400> SEQUENCE: 22
217   Pro Lys Lys Lys Arg Lys Val
218      1              5
220 <210> SEQ ID NO: 23
221 <211> LENGTH: 7
222 <212> TYPE: PRT
223 <213> ORGANISM: human
225 <400> SEQUENCE: 23
226   Pro Gln Lys Lys Ile Lys Ser
227      1              5
229 <210> SEQ ID NO: 24
230 <211> LENGTH: 5
231 <212> TYPE: PRT
232 <213> ORGANISM: human
234 <400> SEQUENCE: 24
235   Gln Pro Lys Lys Pro
236      1              5
238 <210> SEQ ID NO: 25
239 <211> LENGTH: 12
240 <212> TYPE: PRT
241 <213> ORGANISM: human
243 <400> SEQUENCE: 25
244   Arg Lys Lys Arg Arg Gln Arg Arg Arg Ala His Gln
245      1              5              10
247 <210> SEQ ID NO: 26
248 <211> LENGTH: 16
249 <212> TYPE: PRT
250 <213> ORGANISM: human
252 <400> SEQUENCE: 26
253   Arg Gln Ala Arg Arg Asn Arg Arg Arg Arg Trp Arg Glu Arg Gln Arg

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254      1              5              10              15
256 <210> SEQ ID NO: 27
257 <211> LENGTH: 19
258 <212> TYPE: PRT
259 <213> ORGANISM: human
261 <400> SEQUENCE: 27
262  Met Pro Leu Thr Arg Arg Arg Pro Ala Ala Ser Gln Ala Leu Ala Pro
263      1              5              10              15
264  Pro Thr Pro
267 <210> SEQ ID NO: 28
268 <211> LENGTH: 15
269 <212> TYPE: PRT
270 <213> ORGANISM: human
272 <400> SEQUENCE: 28
273  Met Asp Asp Gln Arg Asp Leu Ile Ser Asn Asn Glu Gln Leu Pro
274      1              5              10              15
276 <210> SEQ ID NO: 29
277 <211> LENGTH: 32
278 <212> TYPE: PRT
279 <213> ORGANISM: human
281 <220> FEATURE:
282 <221> NAME/KEY: UNSURE
283 <222> LOCATION: (7)(8)(32)
284 <223> OTHER INFORMATION: UNSURE
286 <400> SEQUENCE: 29
W--> 287  Met Leu Phe Asn Leu Arg Xaa Xaa Leu Asn Asn Ala Ala Phe Arg His
288      1              5              10              15
W--> 289  Gly His Asn Phe Met Val Arg Asn Phe Arg Cys Gly Gln Pro Leu Xaa
290              20              25              30
292 <210> SEQ ID NO: 30
293 <211> LENGTH: 8
294 <212> TYPE: PRT
295 <213> ORGANISM: human
297 <400> SEQUENCE: 30
298  Gly Cys Val Cys Ser Ser Asn Pro
299      1              5
301 <210> SEQ ID NO: 31
302 <211> LENGTH: 8
303 <212> TYPE: PRT
304 <213> ORGANISM: human
306 <400> SEQUENCE: 31
307  Gly Gln Thr Val Thr Thr Pro Leu
308      1              5
310 <210> SEQ ID NO: 32
311 <211> LENGTH: 8
312 <212> TYPE: PRT
313 <213> ORGANISM: human
315 <400> SEQUENCE: 32
316  Gly Gln Glu Leu Ser Gln His Glu

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RAW SEQUENCE LISTING ERROR SUMMARY  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:29; Xaa Pos. 7,8,32

Seq#:51; N Pos. 505

Seq#:51; Xaa Pos. 169

Seq#:52; Xaa Pos. 169